

STATE OF CALIFORNIA
CAPITAL OUTLAY
BUDGET CHANGE PROPOSAL (COBCP)
COVER PAGE (REV 06/15)

DEPARTMENT OF FINANCE
915 L Street
Sacramento, CA 95814
IMS Mail Code: A15

BUDGET YEAR 2016-17

BUSINESS UNIT: 3790 COBCP NO: 4 PRIORITY: 4 PROJECT ID: 0000695

DEPARTMENT: Department of Parks and Recreation

PROJECT TITLE: Heber Dunes SVRA: Water System Upgrades

TOTAL REQUEST (Dollars in Thousands) \$1,086 MAJOR/MINOR: MA

PHASE(S) TO BE FUNDED: WC PROJ CAT: CRI CCCI: 6069

SUMMARY OF PROPOSAL:

The Department of Parks and Recreation (Department) requests \$1.1 million for the working drawings and construction phases of this continuing project from the Off-Highway Vehicle Trust Fund. This project will develop a new water treatment and distribution system to: (1) meet current demand for potable water; (2) meet health department standards; (3) provide secure storage to comply with state water security guidelines; and (4) protect the new water treatment system from the harsh desert climate. The project will address health and safety concerns related to inadequate potable water supply and support continued park operations.

HAS A BUDGET PACKAGE BEEN COMPLETED FOR THIS PROJECT? N

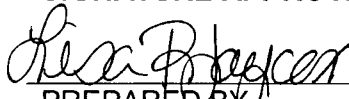



REQUIRES LEGISLATION? N IF YES, LIST CODE SECTIONS:

REQUIRES PROVISIONAL LANGUAGE? N

IMPACT ON SUPPORT BUDGET: ONE-TIME COSTS: N FUTURE COSTS: N
FUTURE SAVINGS: N REVENUE: N

DOES PROPOSAL AFFECT ANOTHER DEPARTMENT? IF YES, ATTACH COMMENTS N
OF AFFECTED DEPARTMENT SIGNED BY ITS DIRECTOR/DESIGNEE.

SIGNATURE APPROVALS:

	12/31/15		12/31/15
PREPARED BY	DATE	REVIEWED BY	DATE
	1-4-16		1/4/16
DEPARTMENT DIRECTOR	DATE	AGENCY SECRETARY	DATE

DOF ANALYST USE

DOF ISSUE # _____ PROGRAM CAT: _____ PROJECT CAT: _____ BUDG PACK STATUS: _____
ADDED REVIEW: SUPPORT: _____ OCIU: _____ FSCU/ITCU: _____ OSAE: _____ CALSTARS: _____

Original Signed By:
Andrea Scharffer

PPBA: _____ DATE SUBMITTED TO LEGISLATURE: 1-7-16

A. PURPOSE OF THE PROJECT

Heber Dunes State Vehicular Recreation Area (SVRA) is located south of El Centro and Interstate 8, eight miles east of the community of Heber. This area has land that was part of the Imperial County Park System and is primarily used for off-road recreation. Restrooms with showers are also available. The old riverbed of the Alamo River formed the area with deposits of sand where tamarisk trees have taken hold. Much of the outer border of the park is native vegetation and the park, as a whole, creates the effect of being an island in a sea of agricultural fields. The most prominent features within the park are sand dunes and extensive vegetation, primarily tamarisk trees.

The current treatment system only produces a few gallons per minute, which barely meets the water usage requirements of the existing staff and current levels of park visitation. While the current water system has not failed an inspection by the California Department of Public Health and currently meets health standards, it is an old system and is not able to meet the growing demands of the park. If the system were to fail, there is no backup source of potable water and the Department would be in violation of current health standards and could result in shutting down park operations, fines or health problems. Therefore, a reliable water treatment and distribution system is vital to the daily operations of Heber Dunes SVRA. A recent capital outlay project installed storage tanks for treated water; however, the treatment system has difficulty keeping up with water demand, thereby preventing the storage of back-up water supplies. The park is located approximately 1 to 1.5 hours from the district office where the water treatment staff is located. Poor response times to emergency calls or water treatment plant alarms could result in fines or health issues for those drinking the water. Furthermore, there is no storage space for spare parts or treatment chemicals in a secure, protected environment.

The purpose of this project is to provide for the construction of a new water treatment, monitoring and distribution system to meet current and future demand, meet health department standards, provide secure storage to comply with the California Department of Health Services - Drinking Water Field Operations Branch Check List of Security Measures for Water Utilities (DHS-DWFOB Security Measures) and provide protection from the desert environment.

B. RELATIONSHIP TO THE STRATEGIC PLAN

The mission of the Department is to provide for the health, inspiration, and education of the people of California by helping to preserve the state's extraordinary biological diversity, protecting its most valued natural and cultural resources, and creating opportunities for high-quality outdoor recreation.

The Mission of the OHMVR Division is to provide leadership statewide in the area of OHV recreation, to acquire, develop, and operate state owned SVRAs, and to otherwise provide for a statewide system of managed OHV recreational opportunities through funding to other public agencies. In addition, it is to ensure that quality recreational opportunities remain available for future generations by providing for education, conservation, and enforcement efforts that balance OHV recreation impact with programs and that conserve and protect cultural and natural resources in order to sustain the lands for future recreational use.

The OHMVR Division Strategic Plan was published in 2009 after an extensive public participation and review process. This proposal addresses the strategic theme of maintaining

existing OHV areas in good condition and preventing environmental damage, and addresses two of the goals included in the Strategic Plan:

- Goal 1 - Sustain Existing Recreation
- Goal 5 - Cooperative Relationships

C. ALTERNATIVES

The following alternative solutions were considered to address the identified deficiencies

Alternative 1: Water system upgrades (this project). This project will provide for the construction of a new water treatment, monitoring and distribution system to meet current demand, meet health department standards, and provide secure storage to comply with the California DHS-DWFOB Security Measures and provide protection from the desert environment.

Alternative 2: Provide water treatment upgrade only. This alternative would provide increased capacity for water treatment for current and future use. However, it would not meet the project goals for health department standards, California DHS-DWFOB Security Measures, and storage or protection from the desert environment. This alternative, although less costly, does not meet all the project goals and would result in a decreased life cycle for the new treatment facility, which would not be fiscally prudent.

Alternative 3: No project. This project would make no improvements to the water system. Under this alternative, the treatment system would soon fall behind demand, the system would not meet current health department standards nor comply with the California DHS-DWFOB Check List of Security Measures for Water Utilities, and there would be no provision for storage or protection from the desert environment.

D. RECOMMENDED SOLUTION

1. Recommended Alternative and Why

The recommended solution is Alternative 1: Water system upgrades. This project will provide for the construction of a new water treatment, monitoring and distribution system. Installing a monitoring system will allow for a quicker response time to emergency call outs or water treatment plant alarms. Monitoring the treatment plant from a smart phone, tablet or computer will allow the operator to note any discrepancies in the treatment process without physically having to be there. It would also help determine if a call out / overtime is really needed or could wait until the operators normal scheduled work day. This is the only alternative which meets all the project goals to meet current demand, meet health department standards, provide remote monitoring, comply with the California DHS-DWFOB Check List of Security Measures for Water Utilities, and provide secure storage and protection from the desert environment.

2. Detailed Scope Description

This project will provide for the construction of a new water treatment, monitoring and distribution system. Project elements include:

- New water treatment system adequately sized for current and anticipated future demands. The system will include monitoring equipment, supervisory control and data acquisition system, to meet California Department of Health Services standards and

will be housed in a secure building to comply with California DHS-DWFOB Security Measures and for protection from the desert environment. The system would include:

- New underground water plumbing and electrical upgrades as needed to run the new system and replace aging infrastructure.
- Storage building for chemicals, tools, additional parts, and electrical equipment.
- Photo-voltaic panels connected to the park electrical grid.
- Fencing and lighting as needed for security.

These improvements will allow the park to meet all operational and visitor service demands while addressing all code compliance requirements.

3. Basis for Cost Information

Public works contract costs have been estimated by the Department based on the detailed project scope description, schematics and outline specifications. The estimate is based on RSMeans cost data. Costs are then adjusted for general conditions of the contract, the contractor's overhead, profit and bonds/insurance. The estimate is then adjusted to the midpoint of the anticipated construction period at a rate of 0.42 percent per month to adjust for the effects of inflation.

Agency retained costs are based on the staff effort and associated operating expense required to accomplish the identified tasks. Agency retained costs are calculated based on approved salary rates as of January 2015.

4. Comparison to Least Expensive Alternative

The least expensive alternative would be to do no project. However, under this scenario, the treatment system would soon fall behind demand, the system would not meet current health department standards nor comply with the California DHS-DWFOB Check List of Security Measures for Water Utilities, and there would be no provision for storage or protection from the desert environment. Further, the "do nothing" alternative does not allow the department to meet its mission to provide for the health, inspiration, and education of the people of California by creating opportunities for high-quality outdoor recreation.

5. Impact on Support Budget

There are no anticipated impacts to the Department's support budget.

6. Project Risks/Secondary Effects

Risks/Secondary effects of this project may include:

- An adequate water supply in the park may increase visitor desire for facilities requiring water such as restrooms and showers.

7. Interagency Coordination

Coordination may be needed with various public agencies including:

- Imperial Irrigation District
- Imperial County Department of Public Health

8. Attendance History

Recent annual attendance is as follows:

Year	Day-Use	Camping	Total
2009/10	20,068	0	20,068
2010/11	18,090	0	18,090
2011/12	19,122	0	19,122
2012/13	19,407	0	19,407
2013/14	11,214	0	11,214

9. Environmental Indicators

Chapter 664, Statutes of 2003 expresses legislative intent that departments within the Natural Resources Agency use environmental indicators, where applicable, in the development of budget proposals. The Environmental Protection Agency and the Natural Resources Agency have jointly developed an initial set of Environmental Protection Indicators for California.

This project will not impact any of the identified environmental indicators.

E. CONSISTENCY WITH GOVERNMENT CODE SECTION 65041.1

1. Does the recommended solution (project) promote infill development by rehabilitating existing infrastructure?

Yes

Explanation: This project will develop a new water treatment and distribution system within the park to meet the increasing visitor need.

2. Does the project improve the protection of environmental and agricultural resources by protecting and preserving the state's most valuable natural resources?

Yes

Explanation: The recommended project does not directly improve protection, but improves the water system in the park which meets the mission of the Department, "...protecting its most valued natural and cultural resources..."

3. Does the project encourage efficient development patterns by ensuring that infrastructure associated with development, other than infill, support efficient use of land and is appropriately planned for growth?

Yes

Explanation: This project will develop a new water treatment and distribution system for the park unit.

F. JUSTIFICATION FOR AGENCY RETAINED ITEMS

This project will provide for the construction of a new water treatment, monitoring, and distribution system in the already developed area of the park. No significant environmental, cultural resources or natural resources issues are anticipated from this project. However,

migratory birds and sensitive species such as Burrowing Owls have the potential for being in the park. Environmental staff will coordinate with Natural Resources staff to survey for these species, and if present, implement protocols for exclusion. Otherwise, the project is anticipated to be exempt from California Environmental Quality Act (CEQA) and to not have any impact on surrounding cultural and natural resources.

**DEPARTMENT OF PARKS AND RECREATION
ACQUISITION AND DEVELOPMENT
CAPITAL OUTLAY COST ESTIMATE**

UNIT: Heber Dunes State Vehicular Recreation Area
PROJECT: Water System Upgrades

DATE: 6/19/2015
BY: SL

DESCRIPTION

This project will develop a new water treatment and distribution system to: (1) meet current demand for potable water; (2) meet health department standards; (3) provide secure storage to comply with the California DHS-DWFOB water security guidelines; and (4) protect the new water treatment system from the harsh desert climate. The project will address health and safety concerns related to inadequate potable water supply and support continued park operations.

ESTIMATE SUMMARY

Item:

DEMOLITION AND SITE WORK	141,000
WATER UPGRADES	340,000
ELECTIRCAL UPGRADES	<u>223,000</u>

ESTIMATED TOTAL CURRENT COSTS on	July 29, 2014	CCCI 5959	704,000
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Adjust CCCI from	5959	to	6069	<u>13,000</u>
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ESTIMATED TOTAL CURRENT COSTS on	June 18, 2015	CCCI 6069	717,000
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Escalate to Constr Start	23	months at 0.42%/mo	69,000
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Escalate to Constr Midpoint	3	months at 0.42%/mo	<u>9,000</u>
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ESTIMATED TOTAL CONTRACTS	795,000
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Contingency @	7%	<u>56,000</u>
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ESTIMATED TOTAL CONSTRUCTION COST	851,000
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ARCHITECTURAL AND ENGINEERING SERVICES	205,000
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OTHER PROJECT COSTS	<u>100,000</u>
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ESTIMATED TOTAL CONTRACTING AGENCY COSTS	1,156,000
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AGENCY RETAINED ITEMS	<u>13,760</u>
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ESTIMATED TOTAL PROJECT COST	1,169,760
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**DEPARTMENT OF PARKS AND RECREATION
ACQUISITION AND DEVELOPMENT
CAPITAL OUTLAY COST ESTIMATE
SUMMARY OF COSTS BY PHASE**

UNIT: Heber Dunes State Vehicular Recreation Area
PROJECT: Water System Upgrades

DATE: 6/19/2015
BY: SL

CATEGORY	S	P	W	C	E	TOTAL
PW CONTRACT COSTS						
PW Contract				795,000		795,000
PW Contingency				56,000		56,000
SUBTOTAL PW CONSTRUCTION COST				851,000		851,000
A & E SERVICES						
A & E Design	-	50,000	55,000	20,000		125,000
As-Built Drawings				-		-
Inspection Services				80,000		80,000
Other	-	-	-	-		-
SUBTOTAL A&E SERVICES	-	50,000	55,000	100,000		205,000
OTHER PROJECT COSTS						
Accessibility Review			-	-		-
Construction Management		1,500	2,000	30,000		33,500
Contract Administration	-	-	1,000	-		1,000
Estimating	-	1,000	1,000	1,000		3,000
Fees	-	-	25,000	-		25,000
GIS	-	-	-	-		-
HAZMAT	-	-	-	-		-
Office Administration	-	-	-	-		-
Other	-	-	-	-		-
Permits	-	-	-	-		-
Project Management	-	10,000	10,000	5,000		25,000
Public Communications	-	-	-	-		-
Specialty Consultants	-	12,500	-	-		12,500
Testing	-	-	-	-		-
SUBTOTAL OTHER PROJECT COSTS	-	25,000	39,000	36,000		100,000
TOTAL CONTRACTING AGENCY COST	-	75,000	94,000	987,000	-	1,156,000
AGENCY RETAINED ITEMS						
ARI Consultant Contracts	-	-	-	-		-
Cultural Resources	-	2,920	1,000	1,000		4,920
Environmental Review	-	2,400	-	-		2,400
Equipment / Material						-
Furniture / Fixtures						-
General Plan	-	-	-	-		-
Monitoring	-	-	-	-		-
Interpretation	-	-	-	-		-
Natural Resources	-	3,440	1,000	1,000		5,440
Other	-	-	-	-		-
Signs				1,000		1,000
Site Furnishings				-		-
Site Surveys	-	-	-	-		-
TOTAL AGENCY RETAINED COSTS	-	8,760	2,000	3,000	-	13,760
TOTAL ESTIMATED PROJECT COST	-	83,760	96,000	990,000	-	1,169,760

Budget Year 2016-17

Proj ID: 0000695

BU/Entity:	3790
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Program ID	2860
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COBCP #:	4
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Priority:	4
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MA/MI:	MA
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SCHEDULE		PROJECT SPECIFIC CODES			
	mm/dd/yyyy	Proj Mgmt:	DPR	Location:	Heber Dunes SVRA
Study Completion		Budg Pack:	N	County:	Imperial
Acquisition Approval		Proj Cat:	CRI	City:	Holtville
Start Preliminary Plans/Performance Criteria	7/1/2015	Req Legis:	N	Cong Dist:	51
Preliminary Plan/Performance Criteria Approval	3/15/2016	Req Prov:	N	Sen Dist:	40
Approval to Proceed to Bid	12/15/2016	SO/LA Imp:	Y	Assm Dist:	56
Contract Award Approval	3/15/2017				
Project Completion	3/30/2018				

mm/dd/yyyy

PROJECT SPECIFIC CODES

Proj Mgmt: DPR Location: Heber Dunes SVRA

Budg Pack: N County: Imperial

Proj Cat:	CRI	City:	Holtville
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Req Legis: N Cong Dist: 5

Req Prov: N Sen Dist: 4

SO/LA Imp: Y Assm Dist: 5

STATE OF CALIFORNIA		Budget Year 2016-17	
CAPITAL OUTLAY BUDGET CHANGE PROPOSAL (COBCP)		Proj ID:	0000695
FISCAL DETAIL WORKSHEET		BU/Entity:	3790
Department Title:	Department of Parks and Recreation	Program ID	2860
Project Title:	Heber Dunes SVRA: Water System Upgrades	COBCP #:	4
Program Category:	CRI - Critical Infrastructure Deficiencies - Existing	Priority:	4
Program Subcategory:	OSF - Operational Support Facilities	MAMI:	MA
<p>Identify all items which fit into the categories listed below. Attach a detailed list if funding is included in this request. Provide descriptions and summary estimates for items for which you plan to request funding in the future. When possible, identify funding needs by fiscal year (BY+1 through BY+4).</p>			
PROJECT RELATED COSTS		COST	TOTAL
AGENCY RETAINED:			
Environmental Documents (Preliminary Plans : 2; Working Drawings: 0; Construction: 0)		2	
Cultural Resources (Preliminary Plans : 3; Working Drawings: 1; Construction: 1)		5	
Natural Resources (Preliminary Plans: 3; Working Drawings: 1; Construction: 1)		5	
Signage		1	
TOTAL AGENCY RETAINED			13
GROUP 2 EQUIPMENT			
TOTAL GROUP2 EQUIPMENT			0
IMPACT ON SUPPORT BUDGET		COST	TOTAL
ONE-TIME COSTS			
TOTAL SUPPORT ONE-TIME COSTS			0
ANNUAL ONGOING FUTURE COSTS			
Permanent Staff (1/4 time Maintenance Mechanic)		21	
Maintenance (pumps and parts)		3	
Utilities (Electrical 5; Sewer 8)		13	
TOTAL SUPPORT ANNUAL COSTS			37
ANNUAL ONGOING FUTURE SAVINGS			
TOTAL SUPPORT ANNUAL SAVINGS			0
ANNUAL ONGOING FUTURE REVENUE			
TOTAL SUPPORT ANNUAL REVENUE			0

STATE OF CALIFORNIA

Budget Year 2016-17

CAPITAL OUTLAY BUDGET CHANGE PROPOSAL (COBCP)

Proj ID:

0000695

SCOPE/ASSUMPTIONS WORKSHEET

Department Title: Department of Parks and Recreation
Project Title: Heber Dunes SVRA: Water System Upgrades
Program Category: CRI - Critical Infrastructure Deficiencies - Existing
Program Subcategory: OSF - Operational Support Facilities

BU/Entity:	3790
Program ID	2860
COBCP #:	4
Priority:	4
MA/MI:	MA

Project Specific Proposals: For new projects provide proposed Scope language. For continuing projects provide the latest approved Scope language. Enter Scope language in cell A110.

Conceptual Proposals: Provide a brief discussion of proposal defining assumptions supporting the level of funding proposed by fiscal year in relation to outstanding need identified for that fiscal year. (Also include scope descriptions for BY+1 through BY+4 in cell A110).

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